

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(segment\$3 and composite and image and pixel\$2 and color and foreground and background and edge\$2).clm.	US_PGPUB	OR	OFF	2009/03/25 15:22
S1	16270	382/100-102,105,113,168-189,224-231. ccls.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 06:34
S2	1149	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and text and graphic\$2 and line\$2 and drawing\$2 and halfton\$3	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 06:36
S3	226	S1 and S2	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 06:36
S4	26812	(white or background) same rectang\$4	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 07:15
S5	1149	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and text and graphic\$2 and line\$2 and drawing\$2 and halfton\$3	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 07:15
S6	121	S4 and S5	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 07:15
S7	7628	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and graph\$2	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 07:19

## EAST Search History

S8	498	S4 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 07:20
S9	16270	382/100-102,105,113,168-189,224-231. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 07:22
S10	118	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 07:22
S11	9	("4698779"   "4876728"   "4887302"   "4907285"   "5046114"   "5185813"   "5272764"   "5335298"   "5430808").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/01 07:31
S12	1556	(white or background) near rectang\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 08:32
S13	7628	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and graph\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 08:33
S14	106	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 08:33
S15	8198	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2 or circuit\$3) near (segment\$5) and graph\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 08:40
S16	1556	(white or background) near rectang\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 08:44

## EAST Search History

S17	8198	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2 or circuit\$3) near (segment\$5) and graph\$2	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 08:44
S18	106	S17 and S16	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 08:44
S19	4520	(white or background) near (block\$2 or rectang\$4)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 08:48
S20	52899	(replac\$5 or substitut\$4 or chang\$3 or modif\$5) same (foreground\$2 or lin\$3 or separat\$4) same (pixel\$2 or pel\$2 or (picture near element\$2))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 08:55
S21	2836	(replac\$5 or substitut\$4 or chang\$3 or modif\$5) near (foreground\$2 or lin\$3 or separat\$4) same (pixel\$2 or pel\$2 or (picture near element\$2))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 08:56
S22	82	S17 and S21	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 08:57
S23	260	(replac\$5 or substitut\$4 or chang\$3 or modif\$5) near (foreground\$2 or lin\$3 or separat\$4) near (pixel\$2 or pel\$2 or (picture near element\$2))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 10:18
S24	6	henricus near2 marquering	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 11:40

## EAST Search History

S25	5	alena near2 belitskaya	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 11:45
S26	949	oce near technolog\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 11:47
S27	80	oce near technolog\$4 and graph\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 11:47
S28	307	(replac\$5 or substitut\$4 or chang\$3 or modif\$5 or remov\$3) near (foreground\$2 or lin\$3 or separat\$4) near (pixel\$2 or pel\$2 or (picture near element\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 13:16
S29	16270	382/100-102,105,113,168-189,224-231. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 13:16
S30	22	S29 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 13:16
S31	7628	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and graph\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 13:34
S32	16270	382/100-102,105,113,168-189,224-231. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 13:34

## EAST Search History

S33	909	S31 and S32	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 13:34
S34	26812	(white or background) same rectang\$4	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 13:35
S35	118	S33 and S34	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 13:35
S36	3606	358/448,462,538-540.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 18:10
S37	1149	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and text and graphics\$2 and line\$2 and drawing\$2 and halfton\$3	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 18:10
S38	57	S36 and S37	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 18:10
S39	7628	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and graph\$2	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 18:43
S40	3606	358/448,462,538-540.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 18:43

## EAST Search History

S41	91	S39 and S40	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 18:43
S42	1556	(white or background) near rectang\$4	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 18:54
S43	3606	358/448,462,538-540.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 18:54
S44	20	S42 and S43	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/01 18:54
S45	16965	382/100-102,105,113,168-189,224-231. ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S46	1224	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and text and graphic\$2 and line\$2 and drawing\$2 and halfton\$3	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S47	239	S45 and S46	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S48	27600	(white or background) same rectang\$4	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20

## EAST Search History

S49	1224	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and text and graphic\$2 and line\$2 and drawing\$2 and halfton\$3	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S50	124	S48 and S49	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S51	8063	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and graph\$2	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S52	515	S48 and S51	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S53	16965	382/100-102,105,113,168-189,224-231. cols.	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S54	122	S52 and S53	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S55	9	("4698779"   "4876728"   "4887302"   "4907285"   "5046114"   "5185813"   "5272764"   "5335298"   "5430808").PN.	US_PGPUB; USPAT; USOOR	OR	OFF	2009/03/25 09:20
S56	1628	(white or background) near rectang\$4	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S57	8063	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and graph\$2	US_PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20

## EAST Search History

S58	109	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S59	8648	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2 or circuit\$3) near (segment\$5) and graph\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S60	1628	(white or background) near rectang\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S61	8648	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2 or circuit\$3) near (segment\$5) and graph\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S62	109	S61 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S63	4727	(white or background) near (block\$2 or rectang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S64	55193	(replac\$5 or substitut\$4 or chang\$3 or modif\$5) same (foreground\$2 or lin\$3 or separat\$4) same (pixel\$2 or pel\$2 or (picture near element\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S65	2979	(replac\$5 or substitut\$4 or chang\$3 or modif\$5) near (foreground\$2 or lin\$3 or separat\$4) same (pixel\$2 or pel\$2 or (picture near element\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20

## EAST Search History

S66	82	S61 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S67	263	(replac\$5 or substitut\$4 or chang\$3 or modif\$5 or remov\$3) near (foreground\$2 or lin\$3 or separat\$4) near (pixels\$2 or pel\$2 or (picture near element\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S68	6	henricus near2 marquering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S69	5	alena near2 belitskaya	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S70	988	oce near technolog\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S71	82	oce near technolog\$4 and graph\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S72	319	(replac\$5 or substitut\$4 or chang\$3 or modif\$5 or remov\$3) near (foreground\$2 or lin\$3 or separat\$4) near (pixels\$2 or pel\$2 or (picture near element\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S73	16965	382/100-102,105,113,168-189,224-231. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20

## EAST Search History

S74	23	S73 and S72	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S75	8063	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and graph\$2	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S76	16965	382/100-102,105,113,168-189,224-231. ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S77	960	S75 and S76	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S78	27600	(white or background) same rectang\$4	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S79	122	S77 and S78	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S80	3671	358/448,462,538-540.ccis.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S81	1224	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and text and graphics\$2 and line\$2 and drawing\$2 and halton\$3	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20

## EAST Search History

S82	59	S80 and S81	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S83	8063	(page\$2 or picture\$2 or image\$2 or frame\$2 or document\$2) near (segment\$5) and graph\$2	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S84	3671	358/448,462,538-540.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S85	94	S83 and S84	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S86	1628	(white or background) near rectang\$4	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S87	3671	358/448,462,538-540.ccls.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S88	21	S86 and S87	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 09:20
S89	1098	dot near pattern\$2 and display\$3 and layer and infrared	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 10:19

## EAST Search History

S90	832	dot near pattern\$2 and display\$3 and layer and infrared and transparent	US_PGPUB; USPAT; USOCP; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 10:19
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